September 28, 2021

Report to:

Holly Beggy Hudbay Minerals 5255 E Williams Circle Suite W1065 Tucson, AZ 85711

cc: David Krizek

Project ID:

ACZ Project ID: L68619

Holly Beggy:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on September 20, 2021. This project has been assigned to ACZ's project number, L68619. Please reference this number in all future inquiries.

Bill to:

Rosemont Copper Company

Hudbay Minerals 5255 E Williams Circle

Suite W1065 Tuscon, AZ 85711

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L68619. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after October 28, 2021. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Sue Webber has reviewed and approved this report.





L68619-2109281520 Page 1 of 12

**Hudbay Minerals** 

Project ID:

Sample ID: D1-25 BIO

ACZ Sample ID: L68619-01

Date Sampled: 09/15/21 08:32

Date Received: 09/20/21
Sample Matrix: Plant Tissue

Metals Analysis										
Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, total (3050)	M6010D ICP	107	36.5		*	mg/Kg	5.35	26.8	09/24/21 10:02	jlw
Antimony, total (3050)	M6020B ICP-MS	535	<0.214	U	*	mg/Kg	0.214	1.07	09/27/21 14:40	bsu
Arsenic, total (3050)	M6020B ICP-MS	535	0.140	В	*	mg/Kg	0.107	0.535	09/27/21 14:40	bsu
Cadmium, total (3050)	M6020B ICP-MS	535	<0.0268	U	*	mg/Kg	0.0268	0.134	09/27/21 14:40	bsu
Calcium, total (3050)	M6010D ICP	107	8070		*	mg/Kg	10.7	53.5	09/24/21 10:02	jlw
Copper, total (3050)	M6020B ICP-MS	535	17.8		*	mg/Kg	0.428	1.07	09/27/21 14:40	bsu
Iron, total (3050)	M6010D ICP	107	114		*	mg/Kg	6.42	16.1	09/24/21 10:02	jlw
Lead, total (3050)	M6020B ICP-MS	535	0.259	В	*	mg/Kg	0.0535	0.268	09/27/21 14:40	bsu
Magnesium, total (3050)	M6010D ICP	107	1860		*	mg/Kg	21.4	107	09/24/21 10:02	jlw
Manganese, total (3050)	M6010D ICP	107	38.1		*	mg/Kg	1.07	5.35	09/24/21 10:02	jlw
Molybdenum, total (3050)	M6010D ICP	107	<2.14	U	*	mg/Kg	2.14	10.7	09/24/21 10:02	jlw
Nickel, total (3050)	M6020B ICP-MS	535	0.430	В	*	mg/Kg	0.214	0.535	09/27/21 14:40	bsu
Selenium, total (3050)	M6020B ICP-MS	535	1.09		*	mg/Kg	0.0535	0.134	09/27/21 14:40	bsu
Zinc, total (3050)	M6010D ICP	107	45.2		*	mg/Kg	2.14	5.35	09/24/21 10:02	jlw
Soil Analysis										
Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Moisture Content	D2216-80	1	59.8		*	%	0.1	0.5	09/21/21 13:00	jpb
Soil Preparation										
Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS				*				09/23/21 8:35	mep
Digestion - Hot Plate	M3050B ICP				*				09/23/21 8:35	mep
Plant Tissue Pulverization	USDA #60, Method 53				*				09/22/21 9:55	mep/jp b

Arizona license number: AZ0102



2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Batch A distinct set of samples analyzed at a specific time

Found Value of the QC Type of interest

Limit Upper limit for RPD, in %.

Lower Lower Recovery Limit, in % (except for LCSS, mg/Kg)

MDL Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5).

Allows for instrument and annual fluctuations.

PCN/SCN A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis

PQL Practical Quantitation Limit. Synonymous with the EPA term "minimum level".

QC True Value of the Control Sample or the amount added to the Spike

Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)

RPD Relative Percent Difference, calculation used for Duplicate QC Types

Upper Upper Recovery Limit, in % (except for LCSS, mg/Kg)

Sample Value of the Sample of interest

	$\sim$
QC Sample Typ	277

AS	Analytical Spike (Post Digestion)	LCSWD	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	LFB	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	LFM	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	LFMD	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	LRB	Laboratory Reagent Blank
ICB	Initial Calibration Blank	MS	Matrix Spike
ICV	Initial Calibration Verification standard	MSD	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	PBS	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	PBW	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	PQV	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	SDL	Serial Dilution

#### QC Sample Type Explanations

Blanks Verifies that there is no or minimal contamination in the prep method or calibration procedure.

Control Samples

Verifies the accuracy of the method, including the prep procedure.

Duplicates

Verifies the precision of the instrument and/or method.

Duplicates Verifies the precision of the instrument and/or method.

Spikes/Fortified Matrix Determines sample matrix interferences, if any.

Standard Verifies the validity of the calibration.

#### ACZ Qualifiers (Qual)

- B Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
- H Analysis exceeded method hold time. pH is a field test with an immediate hold time.
- L Target analyte response was below the laboratory defined negative threshold.
- U The material was analyzed for, but was not detected above the level of the associated value.

The associated value is either the sample quantitation limit or the sample detection limit.

#### Method References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

#### Comments

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

REP001.03.15.02

L68619-2109281520 Page 3 of 12

Hudbay Minerals ACZ Project ID: L68619

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

limits are in % R	ec.												
Aluminum, total	(3050)		M6010D I	CP									
ACZ ID	Туре	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG527939													
WG527939ICV	ICV	09/24/21 9:18	II210923-1	2		1.989	mg/L	99	90	110			
WG527939ICB	ICB	09/24/21 9:22				U	mg/L		-0.15	0.15			
WG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-15	15			
WG527824LCSS	LCSS	09/24/21 9:50	PCN53858	598		246.2	mg/Kg		177.8	266.2			
WG527824LFB1	LFB	09/24/21 9:54	II210910-2	1.0008		1.047	mg/Kg	105	80	120			
WG527824LFBD1	LFBD	09/24/21 9:58	II210910-2	1.0008		1.024	mg/Kg	102	80	120	2	20	
L68619-01MS2	MS	09/24/21 10:10	II210910-2	107.0856	36.5	155.043	mg/Kg	111	75	125			
L68619-01MSD2	MSD	09/24/21 10:14	II210910-2	107.0856	36.5	147.125	mg/Kg	103	75	125	5	20	
Antimony, total (	(3050)		M6020B I	CP-MS									
ACZ ID	Туре	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG528085													
WG528085ICV	ICV	09/27/21 14:22	MS210727-2	.0201		.01926	mg/L	96	90	110			
WG528085ICB	ICB	09/27/21 14:23				U	mg/L		-0.0012	0.0012			
WG527824PBS	PBS	09/27/21 14:33				U	mg/Kg		-0.6	0.6			
WG527824LFB2	LFB	09/27/21 14:36	MS210826-5	.01		.00797	mg/Kg	80	80	120			
WG527824LFBD2	LFBD	09/27/21 14:38	MS210826-5	.01		.00818	mg/Kg	82	80	120	3	20	
L68619-01MS1	MS	09/27/21 14:44	MS210826-5	5.35	U	4.41427	mg/Kg	83	75	125			
L68619-01MSD1	MSD	09/27/21 14:49	MS210826-5	5.35	U	4.96226	mg/Kg	93	75	125	12	20	
					-			00					
Arsenic, total (30	050)		M6020B I										
Arsenic, total (30	0 <b>50)</b> Type	Analyzed			Sample		Units	Rec%	Lower	Upper	RPD	Limit	Qual
,		Analyzed	M6020B I	CP-MS									Qual
ACZ ID		Analyzed 09/27/21 14:22	M6020B I	CP-MS									Qual
ACZ ID WG528085	Type		M6020B I	CP-MS QC		Found	Units	Rec%	Lower	Upper			Qual
<b>WG528085</b> WG528085ICV	Type	09/27/21 14:22	M6020B I	CP-MS QC		Found .05022	Units mg/L	Rec%	Lower	Upper			Qual
ACZ ID WG528085 WG528085ICV WG528085ICB	Type ICV ICB	09/27/21 14:22 09/27/21 14:23	M6020B I	CP-MS QC		.05022 U	Units mg/L mg/L	Rec%	90 -0.0006	Upper 110 0.0006			Qual
WG528085 WG528085ICV WG528085ICB WG527824PBS	Type  ICV ICB PBS	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33	M6020B I PCN/SCN  MS210727-2	CP-MS QC .05		.05022 U	Units  mg/L  mg/L  mg/Kg	Rec%	90 -0.0006 -0.3	110 0.0006 0.3			Qual
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2	Type  ICV ICB PBS LFB	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36	M6020B I PCN/SCN  MS210727-2  MS210826-5	CP-MS QC .05		.05022 U U .05103	Units  mg/L  mg/L  mg/Kg  mg/Kg	Rec% 100	90 -0.0006 -0.3 80	110 0.0006 0.3 120	RPD	Limit	Qual
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2	Type  ICV ICB PBS LFB LFBD	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:38	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5	.05 .05 .05005	Sample	.05022 U U .05103 .0523	mg/L mg/L mg/Kg mg/Kg	100 102 104	90 -0.0006 -0.3 80 80	110 0.0006 0.3 120 120	RPD	Limit	Qual
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MS1	Type  ICV ICB PBS LFB LFBD MS MSD	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5	.05 .05 .05005 .05005 26.77675 26.77675	Sample	.05022 U U .05103 .0523 28.12337	mg/L mg/L mg/Kg mg/Kg mg/Kg	100 102 104 105	90 -0.0006 -0.3 80 80 75	110 0.0006 0.3 120 120 125	RPD 2	Limit 20	Qual
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1	Type  ICV ICB PBS LFB LFBD MS MSD	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5	.05 .05 .05005 .05005 26.77675 26.77675	Sample	.05022 U U .05103 .0523 28.12337	mg/L mg/L mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105	90 -0.0006 -0.3 80 80 75 75	110 0.0006 0.3 120 120 125	RPD 2	Limit 20	Qual
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total (	Type  ICV ICB PBS LFB LFBD MS MSD  (3050)	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44 09/27/21 14:49	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5 MS210826-5	.05 .05 .05005 .05005 26.77675 26.77675	.14 .14	.05022 U U .05103 .0523 28.12337 27.55821	mg/L mg/L mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105 102	90 -0.0006 -0.3 80 80 75 75	110 0.0006 0.3 120 120 125 125	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total (ACZ ID	Type  ICV ICB PBS LFB LFBD MS MSD  (3050)	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44 09/27/21 14:49	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5 MS210826-5	.05 .05 .05005 .05005 26.77675 26.77675	.14 .14	.05022 U U .05103 .0523 28.12337 27.55821	mg/L mg/L mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105 102	90 -0.0006 -0.3 80 80 75 75	110 0.0006 0.3 120 120 125 125	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MS1 L68619-01MSD1 Cadmium, total ( ACZ ID WG528085	Type  ICV ICB PBS LFB LFBD MS MSD  (3050) Type	09/27/21 14:22 09/27/21 14:23 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44 09/27/21 14:49 Analyzed	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5 PCN/SCN	.05005 .05005 .05005 26.77675 26.77675 CP-MS	.14 .14	.05022 U U .05103 .0523 28.12337 27.55821	mg/L mg/L mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105 102 Rec%	90 -0.0006 -0.3 80 80 75 75	Upper  110 0.0006 0.3 120 120 125 125	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total ( ACZ ID WG528085	Type  ICV ICB PBS LFB LFBD MS MSD  (3050) Type	09/27/21 14:22 09/27/21 14:23 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44 09/27/21 14:49 Analyzed	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5 PCN/SCN	.05005 .05005 .05005 26.77675 26.77675 CP-MS	.14 .14	.05022 U U .05103 .0523 28.12337 27.55821 Found	mg/L mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105 102 Rec%	90 -0.0006 -0.3 80 80 75 75	Upper  110 0.0006 0.3 120 120 125 125	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total ( ACZ ID WG528085ICV WG528085ICV WG528085ICB	Type  ICV ICB PBS LFB LFBD MS MSD  (3050) Type	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:44 09/27/21 14:49 Analyzed 09/27/21 14:22 09/27/21 14:22	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5 PCN/SCN	.05005 .05005 .05005 26.77675 26.77675 CP-MS	.14 .14	Found  .05022	mg/L mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/L	100 102 104 105 102 Rec%	90 -0.0006 -0.3 80 80 75 75  Lower	Upper  110 0.0006 0.3 120 120 125 125 Upper	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total (ACZ ID WG528085ICV WG528085ICB WG527824PBS	Type  ICV ICB PBS LFB LFBD MS MSD  (3050) Type  ICV ICB PBS	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:44 09/27/21 14:49 Analyzed 09/27/21 14:22 09/27/21 14:23 09/27/21 14:33	M6020B I PCN/SCN  MS210727-2  MS210826-5  MS210826-5  MS210826-5  M6020B I PCN/SCN	.05 .05005 .05005 26.77675 26.77675 CP-MS QC	.14 .14	Found  .05022	mg/L mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105 102 Rec%	90 -0.0006 -0.3 80 80 75 75  Lower  90 -0.00015 -0.075	Upper  110 0.0006 0.3 120 125 125 125  Upper	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total ( ACZ ID WG528085 WG528085ICV WG528085ICB WG527824PBS WG527824PBS WG527824LCSS	Type  ICV ICB PBS LFB LFBD MS MSD  (3050) Type  ICV ICB PBS LCSS	09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:36 09/27/21 14:44 09/27/21 14:49 Analyzed  09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:34	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5  M6020B I PCN/SCN  MS210727-2	.05 .05005 .05005 .05005 26.77675 26.77675 CP-MS QC	.14 .14	Found  .05022     U     U     .05103     .0523 28.12337 27.55821  Found  .050315     U     U 1.40467	mg/L mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	100 102 104 105 102 Rec%	90 -0.0006 -0.3 80 80 75 75  Lower  90 -0.00015 -0.075 1.22	Upper  110 0.0006 0.3 120 125 125 125  Upper  110 0.00015 0.075 1.82	2 2	20 20	
WG528085 WG528085ICV WG528085ICB WG528085ICB WG527824PBS WG527824LFB2 WG527824LFBD2 L68619-01MSD1 Cadmium, total ( ACZ ID WG528085ICV WG528085ICV WG528085ICB WG527824PBS WG527824LCSS WG527824LFB2	Type  ICV ICB PBS LFB LFBD MS MSD  Type  ICV ICB PBS LCSS LFB	09/27/21 14:22 09/27/21 14:23 09/27/21 14:36 09/27/21 14:38 09/27/21 14:44 09/27/21 14:49  Analyzed  09/27/21 14:22 09/27/21 14:23 09/27/21 14:33 09/27/21 14:34 09/27/21 14:36	M6020B I PCN/SCN  MS210727-2  MS210826-5 MS210826-5 MS210826-5 MS210826-5  M6020B I PCN/SCN  MS210727-2  PCN53858 MS210826-5	.05 .05005 .05005 .05005 26.77675 26.77675 CP-MS QC .05	Sample  .14 .14 Sample	Found  .05022     U     U     .05103     .0523 28.12337 27.55821  Found  .050315     U     U 1.40467 .049729	mg/L mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	Rec% 100 102 104 105 102 Rec% 101	90 -0.0006 -0.3 80 80 75 75  Lower  90 -0.00015 -0.075 1.22 80	Upper  110 0.0006 0.3 120 125 125  Upper  110 0.00015 0.075 1.82 120	RPD  2 2 RPD	Limit  20 20 Limit	

L68619-2109281520 Page 4 of 12

Hudbay Minerals ACZ Project ID: L68619

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Calcium, total (3	050)		M6010D	ICP									
ACZ ID	Туре	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG527939													
WG527939ICV	ICV	09/24/21 9:18	II210923-1	100		101.3	mg/L	101	90	110			
NG527939ICB	ICB	09/24/21 9:22				U	mg/L		-0.3	0.3			
NG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-30	30			
NG527824LCSS	LCSS	09/24/21 9:50	PCN53858	50500		50690	mg/Kg		40400	60600			
NG527824LFB1	LFB	09/24/21 9:54	II210910-2	67.98972		71.56	mg/Kg	105	80	120			
WG527824LFBD1	LFBD	09/24/21 9:58	II210910-2	67.98972		70.77	mg/Kg	104	80	120	1	20	
_68619-01MS2	MS	09/24/21 10:10	II210910-2	7274.90004	8070	14327.3	mg/Kg	86	75	125			
.68619-01MSD2	MSD	09/24/21 10:14	II210910-2	7274.90004	8070	14220.3	mg/Kg	85	75	125	1	20	
Copper, total (30	50)		M6020B	ICP-MS									
ACZ ID	Туре	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
NG528085													
WG528085ICV	ICV	09/27/21 14:22	MS210727-2	.05		.0515	mg/L	103	90	110			
WG528085ICB	ICB	09/27/21 14:23				U	mg/L		-0.0024	0.0024			
WG527824PBS	PBS	09/27/21 14:33				U	mg/Kg		-1.2	1.2			
WG527824LCSS	LCSS	09/27/21 14:34	PCN53858	4.7		4.70429	mg/Kg		3.8	5.6			
VG527824LFB2	LFB	09/27/21 14:36	MS210826-5	.05		.05282	mg/Kg	106	80	120			
VG527824LFBD2	LFBD	09/27/21 14:38	MS210826-5	.05		.05327	mg/Kg	107	80	120	1	20	
_68619-01MS1	MS	09/27/21 14:44	MS210826-5	26.75	17.8	46.84201		109	75	125	•	_0	
_68619-01MSD1	MSD	09/27/21 14:49	MS210826-5	26.75	17.8	44.46706		100	75	125	5	20	
ron, total (3050)			M6010D	ICP									
ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
	.,,,,	7a.,					•	1100 /1		орро:	5		
WG527939				_									
NG527939ICV	ICV	09/24/21 9:18	II210923-1	2		1.969	mg/L	98	90	110			
NG527939ICB	ICB	09/24/21 9:22				U	mg/L		-0.18	0.18			
WG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-18	18			
WG527824LCSS	LCSS	09/24/21 9:50	PCN53858	368		315.5	mg/Kg		294	442			
WG527824LFB1	LFB	09/24/21 9:54	II210910-2	1.0001		1.042	mg/Kg	104	80	120			
WG527824LFBD1	LFBD	09/24/21 9:58	II210910-2	1.0001		1.025	mg/Kg	102	80	120	2	20	
_68619-01MS2	MS	09/24/21 10:10	II210910-2	107.0107	114	188.962	mg/Kg	70	75	125			M2
_68619-01MSD2	MSD	09/24/21 10:14	II210910-2	107.0107	114	177.941	mg/Kg	60	75	125	6	20	M2
Lead, total (3050	)		M6020B	ICP-MS									
ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG528085													
WG528085ICV	ICV	09/27/21 14:22	MS210727-2	.05		.05089	mg/L	102	90	110			
WG528085ICB	ICB	09/27/21 14:23				U	mg/L		-0.0003	0.0003			
VG527824PBS	PBS	09/27/21 14:33				U	mg/Kg		-0.15	0.15			
WG527824LFB2	LFB	09/27/21 14:36	MS210826-5	.05005		.05033	mg/Kg	101	80	120			
WG527824LFBD2	LFBD	09/27/21 14:38	MS210826-5	.05005		.0511	mg/Kg	102	80	120	2	20	
	MS	09/27/21 14:44	MC210026 E	26 77675	250	27 27064	malka	101	75	125			
_68619-01MS1	IVIO	03/21/21 14.44	MS210826-5	26.77675	.259	27.27964	mg/Kg	101	75	125			

L68619-2109281520 Page 5 of 12

Hudbay Minerals ACZ Project ID: L68619

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Magnesium, tota	ıl (3050)		M6010D	ICP									
ACZ ID	Туре	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG527939													
WG527939ICV	ICV	09/24/21 9:18	II210923-1	100		96.45	mg/L	96	90	110			
NG527939ICB	ICB	09/24/21 9:22				U	mg/L		-0.6	0.6			
WG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-60	60			
NG527824LFB1	LFB	09/24/21 9:54	II210910-2	49.99828		48.99	mg/Kg	98	80	120			
WG527824LFBD1	LFBD	09/24/21 9:58	II210910-2	49.99828		48.53	mg/Kg	97	80	120	1	20	
_68619-01MS2	MS	09/24/21 10:10	II210910-2	5349.81596	1860	6996.73	mg/Kg	96	75	125			
L68619-01MSD2	MSD	09/24/21 10:14	II210910-2	5349.81596	1860	6751.7	mg/Kg	91	75	125	4	20	
Manganese, tota	ıl (3050)		M6010D	ICP									
ACZ ID	Туре	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG527939													
WG527939ICV	ICV	09/24/21 9:18	II210923-1	2		1.957	mg/L	98	90	110			
WG527939ICB	ICB	09/24/21 9:22		-		U	mg/L		-0.03	0.03			
NG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-3	3			
NG527824LCSS	LCSS	09/24/21 9:50	PCN53858	246		238.8	mg/Kg		197	295			
NG527824LFB1	LFB	09/24/21 9:54	II210910-2	.5005		.518	mg/Kg	103	80	120			
WG527824LFBD1	LFBD	09/24/21 9:58	II210910-2	.5005		.512	mg/Kg	102	80	120	1	20	
_68619-01MS2	MS	09/24/21 10:10	II210910-2	53.5535	38.1	94.139	mg/Kg	105	75	125	•	20	
_68619-01MSD2	MSD	09/24/21 10:14	II210910-2	53.5535	38.1	88.104	mg/Kg	93	75	125	7	20	
Moisture Conten			D2216-8										
ACZ ID	Type	Applyzed	PCN/SCN	QC	Sample	Found	Unito	Rec%	Lower	Unnor	RPD	Limit	Qual
	Type	Analyzed	PCN/SCN	QC	Sample	rouliu	UIIIIS	Rec /	Lower	Upper	KPU	LIIIII	Quai
WG527685							0/						
WG527685PBS	PBS	09/21/21 13:00				100	%		99.9	100.1			
Molybdenum, to	tal (3050	))	M6010D	ICP									
ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG527939													
WG527939ICV	ICV	09/24/21 9:18	II210923-1	2		1.996	mg/L	100	90	110			
NG527939ICB	ICB	09/24/21 9:22				U	mg/L		-0.06	0.06			
NG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-6	6			
WG527824LFB1	LFB	09/24/21 9:54	II210910-2	.501		.512	mg/Kg	102	80	120			
WG527824LFBD1	LFBD	09/24/21 9:58	II210910-2	.501		.507	mg/Kg	101	80	120	1	20	
_68619-01MS2	MS	09/24/21 10:10	II210910-2	53.607	U	56.111	mg/Kg	105	75	125			
_68619-01MSD2	MSD	09/24/21 10:14	II210910-2	53.607	U	54.217	mg/Kg	101	75	125	3	20	
Nickel, total (305	50)		M6020B	ICP-MS									
ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG528085													
WG528085ICV	ICV	09/27/21 14:22	MS210727-2	.05		.05087	mg/L	102	90	110			
WG528085ICB	ICB	09/27/21 14:23				U	mg/L		-0.0012	0.0012			
WG527824PBS	PBS	09/27/21 14:33				U	mg/Kg		-0.6	0.6			
NG527824LFB2	LFB	09/27/21 14:36	MS210826-5	.05		.05143	mg/Kg	103	80	120			
N G321024LI D2										-			
	LFBD	09/27/21 14:38	MS210826-5	.05		.05208	mg/Kg	104	80	120	1	20	
WG527624LFBD2 WG527824LFBD2 L68619-01MS1	LFBD MS	09/27/21 14:38 09/27/21 14:44	MS210826-5 MS210826-5		.43	.05208 27.30413		104 100	80 75	120 125	1	20	

L68619-2109281520 Page 6 of 12

WG527824LFBD1 LFBD 09/24/21 9:58

L68619-01MS2

L68619-01MSD2

II210910-2

MS 09/24/21 10:10 II210910-2

MSD 09/24/21 10:14 II210910-2

.50045

53.54815

Hudbay Minerals ACZ Project ID: L68619

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

ilmits are in % Re	ec.												
Selenium, total (	3050)		M6020B I	CP-MS									
ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG528085													
WG528085ICV	ICV	09/27/21 14:22	MS210727-2	.05		.04973	mg/L	99	90	110			
WG528085ICB	ICB	09/27/21 14:23				.00014	mg/L		-0.0003	0.0003			
WG527824PBS	PBS	09/27/21 14:33				U	mg/Kg		-0.15	0.15			
WG527824LFB2	LFB	09/27/21 14:36	MS210826-5	.025		.02456	mg/Kg	98	80	120			
WG527824LFBD2	LFBD	09/27/21 14:38	MS210826-5	.025		.02506	mg/Kg	100	80	120	2	20	
L68619-01MS1	MS	09/27/21 14:44	MS210826-5	13.375	1.09	15.11351	mg/Kg	105	75	125			
L68619-01MSD1	MSD	09/27/21 14:49	MS210826-5	13.375	1.09	14.85985	mg/Kg	103	75	125	2	20	
Zinc, total (3050)	)		M6010D I	СР									
ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG527939													
WG527939ICV	ICV	09/24/21 9:18	II210923-1	2		1.922	mg/L	96	90	110			
WG527939ICB	ICB	09/24/21 9:22				U	mg/L		-0.06	0.06			
WG527824PBS	PBS	09/24/21 9:46				U	mg/Kg		-6	6			
WG527824LCSS	LCSS	09/24/21 9:50	PCN53858	30.9		28.64	mg/Kg		24.7	37.1			
WG527824LFB1	LFB	09/24/21 9:54	II210910-2	.50045		.521	mg/Kg	104	80	120			

.519

53.54815 45.2 100.505 mg/Kg

45.2 96.428

mg/Kg

mg/Kg

104

103

80

75

75

120

125

125

0

4

20

20

L68619-2109281520 Page 7 of 12

RCC-CW014016

REPAD.15.06.05.01

Inorganic Extended
Qualifier Report

Hudbay Minerals ACZ Project ID: L68619

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L68619-01	WG527939	Iron, total (3050)	M6010D ICP		Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG528085	Selenium, total (3050)	M6020B ICP-MS		The ICP or ICP-MS Serial Dilution was not used for data validation because the sample concentration was less than 50 times the MDI

Certification Qualifiers

Hudbay Minerals ACZ Project ID: L68619

#### Metals Analysis

The following parameters are not offered for certification or are not covered by AZ certificate #AZ0102.

Aluminum, total (3050) M6010D ICP Antimony, total (3050) M6020B ICP-MS Arsenic, total (3050) M6020B ICP-MS Cadmium, total (3050) M6020B ICP-MS Calcium, total (3050) M6010D ICP Copper, total (3050) M6020B ICP-MS Iron, total (3050) M6010D ICP Lead, total (3050) M6020B ICP-MS Magnesium, total (3050) M6010D ICP Manganese, total (3050) M6010D ICP Molybdenum, total (3050) M6010D ICP Nickel, total (3050) M6020B ICP-MS M6020B ICP-MS Selenium, total (3050) Zinc, total (3050) M6010D ICP

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Selenium, total (3050) M6020B ICP-MS

Soil Analysis

REPAD.05.06.05.01

The following parameters are not offered for certification or are not covered by AZ certificate #AZ0102.

Moisture Content D2216-80

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Moisture Content D2216-80

L68619-2109281520 Page 9 of 12

## Sample Receipt

ACZ Project ID: L68619 **Hudbay Minerals** 

Date Received: 09/20/2021 15:56

Received By:

Da	ite Printed:	9/	21/2021
Receipt Verification			
	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			Х
5) If samples are received past hold time, proceed with requested short hold time analyses?	? X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the sample	s?	Х	
Samples/Containers			
	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? 1			Х
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			Х
14) Are samples that require zero headspace acceptable?			Х
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			Х
17) Is there a VOA trip blank present?			Х
18) Were all samples received within hold time?	X		
	NA indic	ates Not A	pplicable

#### **Chain of Custody Related Remarks**

### **Client Contact Remarks**

#### **Shipping Containers**

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(μR/Hr)	Custody Seal Intact?
NA35988	20	NA	15	N/A

#### Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

**REPAD LPII 2012-03** 

Page 10 of 12 L68619-2109281520



# Sample Receipt

Hudbay Minerals ACZ Project ID: L68619

Date Received: 09/20/2021 15:56

Received By:

Date Printed: 9/21/2021

The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

*Sampler's Signature: Habby Bushes and the sample in approached the value transform that intentionally mislabeling the time/data tampering with the sample in approache transform.  PROJECT INFORMATION  Quote #: 2021-SOILS  PO#:  Reporting state for compliance testing: No  Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION  DATE:TIME  Matrix  Matrix  SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (S REMARKS)  Samples have been sieved to 4mm with a #5 sieve. ***********************************	Company: Hudbay Mineral E-mail: holly.beggy@hudb Copy of Report to: Name: David Krizek Company: david.krizek@hu Invoice to: Name: Lionelyn Garcia	ayminerals.com					ams Circle	e, Suite 1
E-mail: holly.beggy@hudbayminerals.com  Copy of Report to:  Name: David Krizek  Company: david.krizek@hudbayminerals.com  Invoice to:  Name: Lionelyn Garcia  Company: Hudbay Minerals  E-mail: Tosemontinvoices@hudbayminerals.com  If sample(s) received past holding time (HT), or if insufficient HT remains to complete	E-mail: holly.beggy@hudb Copy of Report to: Name: David Krizek Company: david.krizek@hu Invoice to: Name: Lionelyn Garcia	ayminerals.com		Telepl	hone: 520	0.40 5.4		
Copy of Report to:  Name: David Krizek  Company: david.krizek@hudbayminerals.com  Involce to:  Name: Lionelyn Garcia  Company: Hudbay Minerals  E-mail: 5255 E. Williams Circle, Suite 10  Telephone: 520-495-3527  Address: 5255 E. Williams Circle, Suite 10  Telephone: 520-495-3545  Irelephone: 520-495-354	Copy of Report to: Name: David Krizek Company: david.krizek@hu Invoice to: Name: Lionelyn Garcia		]	l elepi	hone: 520			
Name: David Krizek  Company: david.krizek@hudbayminerals.com  Invoice to:  Name: Lionelyn Garcia  Company: Hudbay Minerals  E-mail: rosemontinvoices@hudbayminerals.com  If sample(s) received past holding time (HT), or if insufficient HT remains to complete  analysis before expiration, shall ACZ proceed with requested short HT analyses?  If yes, please include state forms. Results will be reported to PQL for Colorado.  Sampler's Name: Lionelyn Carcia  Are samples for SDMA Compliance (Monitoring)  If yes, please include state forms. Results will be reported to PQL for Colorado.  Sampler's Signature: Lionelyn Sampler's Site Information  State AZ zip code \$5027 Time Zor  "Istratia to the summitoring with the basequit in anywer, is considered for advantage of the lateratic past dealing of this analysis. Invoice in anywer, is considered for advantage of the lateratic past dealing of the lateratic pa	Name: David Krizek Company: david.krizek@hu Invoice to: Name: Lionelyn Garcia	udbayminerals.com				-343-51	74	
Company: david.krizek@hudbayminerals.com   Telephone: 520-495-3527	Company: david.krizek@hu Invoice to: Name: Lionelyn Garcia	ıdbayminerals.com						
Invoice to:  Name: Lionelyn Garcia  Company: Hudbay Minerals  E-mail: rosemontinvoices@hudbayminerals.cc  If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?  NO  "Too then ACZ will contect client for further instruction. If insthire "FS" not "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data with the qualification of the sampler for SDWA Compliance Monitoring?  Yes No  The ACZ will contect client for further instruction. If nather "FS" not "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data with the qualification of the sampler's Name:  Sampler's Name: Sampler's Site Information  Sampler's Signature: Haddle Sampler's Site Information  Sampler's Signature: Haddle Sampler's Site Information  Sampler's Signature: Haddle Sampler's Site Information  "I interest to the authenticity and validity of this sample, I undertured that helically institute interesting with the sample in analyses, I continued that the institute interesting with the sample in analyses, I continued that the institute institute in the authenticity and validity of this sample. I undertured that helically institute interesting in the sample in analyses, I undertured that helically institute interesting in the sample in analyses in analyses, I undertured that helically institute interesting in the sample in analyses in analyses, I undertured that helically institute interesting in the sample in analyses in analyses. I will institute in the sample in analyses in analyses, I will institute in the sample in analyses. I will institute in the sampl	Invoice to: Name: Lionelyn Garcia	idbayminerais.com	1					Suite 106
Name: Lionelyn Garcia  Company: Hudbay Minerals  E-mail: rosemontinvoices@hudbayminerals.cg  If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?  If work the mack will content for humbralishout. It relief with row To Visi indiated, Acz will proceed with a requested short HT analyses?  If yes, please include state forms. Results will be reported to PQL for Colorado.  Sampler's Name: Long Boy State Live.  Sampler's Signature: Long Boy State Live.  Sampler's Signature: Long Boy State Live.  Sampler's Signature: Long Boy State Live.  PROJECT INFORMATION  Quote #: 2021-SOILS  PO#:  Reporting state for compliance testing: No  Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION DATE: TIME Matrix  SW (Surface Water) - GW (Ground Water) - WW (Waste Water) - DW (Dniking Water) - SL (Sludge) - SO (Soil) - OL (Oil) - Other (S REMARKS)  Samples have been sieved to 4mm with a #5 sieve.	Name: Lionelyn Garcia			Teleph	none: 520	495-35	27	
Company: Hudbay Minerals  E-mail: rosemontinvoices@hudbayminerals.cg  If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?  If 'No' then AcZ will contect due to there insufance. If relief 'No' No' is inducted, ACZ will proceed with the requested analyse, ever if if is expired, and data will be quantity and analyses include state forms. Results will be reported to PQL for Colorado.  Sampler's Name: Hold Rock Sampler's Signature: Hold Rock S								
Telephone: 520-495-3545   Telephone: 520-4	Company: Hudhay Minerals			Addres	ss: 5255 l	E. Willia	ms Circle,	Suite 1
If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?  If Y100' that Quit contact client for buffer instruction. If relative "YES" nor 'NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualificated. ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualificated. ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualificated. ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualificated. ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualificated. ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualificated. ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.  Sampler's Name:								··-
analysis before expiration, shall ACZ proceed with requested short HT analyses?  HTMO-Then ACZ will contact client for humber instruction. If neither "YES" nor "No" is indicated, ACZ will proceed with the represented analyses, even if HT is expired, and data will be quark.  Are samples for SDWA Compiliance Monitoring?  If yes, please include state forms. Results will be reported to PQL for Colorado.  Sampler's Name: Holy Pyroch Sampler's Site Information State AZ Zip code Sec Time Zor "sampler's Signature: Holy Pyroch Sampler's Site Information state AZ Zip code Sec Time Zor "sampler's Signature: Holy Pyroch Sampler's Site Information state AZ Zip code Sec Time Zor "sampler's Signature: Holy Pyroch Sampler's Site Information state AZ Zip code Sec Time Zor "sampler's Signature: Holy Pyroch Sampler's Site Information State AZ Zip code Sec Time Zor "sampler's Signature: Holy Pyroch Sampler's Site Information state AZ Zip code Sec Time Zor "sampler's Signature: Holy Pyroch Sampler's Site Information state AZ Zip code Sec Time Zor "sampler in suppring with the sample in anyway, is considered used in intentionally malabeling the time/state Information state AZ Zip code Sec Time Zor "sampler in anyway is considered used in intentionally malabeling the time/state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state AZ Zip code Sec Time Zor "state Information state Information st						495-35	45	
Are samples for SDWA Compliance Monitoring?  Yes No X  If yes, please include state forms. Results will be reported to PQL for Colorado.  Sampler's Signature:  Sampler's Signature:  Hard State AZ  Sip code Se25 Time Zores and wildly of this sample. Lunderstand that intentionally middlebeling the time/fat tampening with the sample in anyway, to considered traud and punishable by state Law.  PROJECT INFORMATION  Quote #: 2021-SOILS  PO#:  Reporting state for compliance testing: No  Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION  DATE: TIME  Matrix  Matrix  SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (S REMARKS)  Samples have been sieved to 4mm with a #5 sieve.	analysis before expiration, shall A	I time (HT), or if insufficier ACZ proceed with requesta	nt HT rei	mains to	complete			
If yes, please include state forms. Results will be reported to PQL for Colorado.  Sampler's Name: Sampler's Signature: Sampler's Site Information State AZ Zip code Se22 Time Zode Sampler's Signature: Signature: Sampler's Signature: Sampler's Signature: Sampler's Signature: Sampler's Signature: Signature: Sampler's Signature: Sampler's Signature:	If "NO" then ACZ will contact client for further instruct	tion. If neither "YES" nor "NO" is indicate	ed, ACZ will	proceed with	the requested ana	lyses, even if H	T is expired, and data	NU a will be qualifie
Sampler's Name: Sampler's Site Information State AZ Zip code Sec Time Zor 's ampler's Signature: Holland Bush and substitute the authenticity and validity of this sample. Lunderstand that Intentionally inslabeling the time/data transparing with the sample in anyway, is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the sample in anyway. Is considered fread and perishabeling the time/data transparing with the samples in anyway. Is considered fread and perishabeling transparing with the samples in anyway. In considered fread and perishabeling transparing with the samples in anyway. In considered fread and perishabeling transparing with the samples in considered fread and perishabeling transparing with the samples in considered fread and perishabeling transparing with the samples in considered fread and perishabeling transparing with t	Are samples for SDWA Compliand	e Monitoring?		Yes			(com)	
**Sampler's Signature: **Habburg Burgary** 1 attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/data tampering with the sample in surprise, it considered traul and punishability state Law.  **PROJECT INFORMATION**  Quote #: 2021-SOILS*  PO#:  Reporting state for compliance testing: No  Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION**  DATE:TIME**  Matrix**  Matrix**  SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS**)  Samples have been sieved to 4mm with a #5 sieve.**  **Habburg Water in understand that intentionally mislabeling the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability the time/data tampering with the tample in surprise; not considered traul and punishability to the surprise; not considered traul and punishability to considered traul and punishability to considered traul and punishability to the surprise; not considered traul and punishability to considered traul and punishabil							Cm 36	<del></del>
PROJECT INFORMATION  Quote #: 2021-SOILS  PO#:  Reporting state for compliance testing: No  Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION  DATE:TIME  Matrix  Matrix  SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS)  Samples have been sieved to 4mm with a #5 sieve. ***********************************	1 7 17	Receive *lattest to	the authentic	city and valid	ity of this sample. I	anderstand that	intentionally mislabe	Time Zon
Quote #: 2021-SOILS  PO#:  Reporting state for compliance testing: No  Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION  DATE:TIME  Matrix  Matrix  SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS)  Samples have been sieved to 4mm with a #5 sieve.  ***  ***  ***  ***  ***  ***  ***		tampering v	vith the sam	płe in anyway	y, is considered frau	and punishable	by State Law.	
Reporting state for compliance testing: NO Check box if samples include NRC licensed material?  SAMPLE IDENTIFICATION  DATE:TIME  Matrix  D1-25 6:0  9[(5/2), 9:32 PL 1				I T		AEGOESTED	(attach list of use	quote numbe
D1-25 6io 9(15 21, 9:32 PL 1 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □				ners	Plar	Soil		
D1-25 6io   9[(5 21, 9:32   PL   1   1   1   1   1   1   1   1   1		ng. No		ntai	Unde	MTP		-
D1-25 6i0   9 (5 2), 8:32   PL				ਲ	ge-1 (	M pa	iss the	
D1-25 6io   a[(5 2], 9:32   PL   1			Matrix		)raina )raina	la Ro	in S	
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve. ** #B	D1-25 Bio			1		<del>                                     </del>		
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve. *** #B			70			+=+		
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve. #B						$\rightarrow -$	HH	
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve. #B						+=+		
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve.   ### B								
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve ************************************								
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (S REMARKS  Samples have been sieved to 4mm with a #5 sieve.								
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve #B								
Matrix SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (SREMARKS  Samples have been sieved to 4mm with a #5 sieve. #B								
Samples have been sieved to 4mm with a #5 sieve. #B						1		
Samples have been sieved to 4mm with a #5 sieve. #B		Ground Water) · WW (Waste W	ater) · DV	V (Drinkin	g Water) · SL (	Sludge) · S	O (Soil) · OL (Oi	l) · Other (Sp
the second secon	S <del>amples have been sieved</del>	Lto 4mm with a #5 s	eve	HB				
					RUSH	r		
		r to ACZ's terms & condi	tions lo	cated o	n the revers	e side of	this COC.	
Please refer to ACZ's terms & conditions located on the reverse side of this COC.	RELINQUISHED BY:	DATE:TIN	ΙE		RECEI	VED BY:		DATE
	Holly Beggy Flollyk	20gg 9/15/21 1:	00	$\Delta \Delta$			2	
RELINQUISHED BY: DATE:TIME RECEIVED BY: DATE	<u> </u>	00 /		X)	$Q\Delta \Lambda$	$\mathcal{A}$	X(XQ)	150
RELINQUISHED BY: DATE:TIME RECEIVED BY: DATE								,
RELINQUISHED BY: DATE: TIME RECEIVED BY: DATE	FRMAD050.06.14.14 V	Vhite - Return with sample.	Yello	w - Reta	in for your re	cords.		
HOLLY Brosy Hally Booky 9/15/21, 1:00								
HOLLY Brogn Hally Boogn 9/15/21, 1:00								